

AMENDMENTS TO THE CLAIMS

This Listing of the Claims will replace all prior versions, and listings of the claims in the application.

Listing of the Claims:

1.-160. (Canceled)

161.- 168. (Canceled)

169. (New) A pharmaceutical composition comprising a conjugate comprising nicotine, and pseudomonas exotoxin, and wherein said nicotine and pseudomonas exotoxin are linked by a branch which comprises:

CJ 7.1 $\text{CH}_2\text{Y}(\text{CH}_2)_n\text{Q}$

and wherein n is independently an integer equal to 0; Y is NH and Q is another branch identified by its CJ number, and a pharmaceutically acceptable excipient.

170. (New) A pharmaceutical composition comprising a conjugate comprising nicotine, and pseudomonas exotoxin, and wherein said nicotine and pseudomonas exotoxin are linked by a branch which comprises:

CJ 1 $(\text{CH}_2)_n\text{Q}$

and wherein n is independently an integer equal to 1; and Q is another branch identified by its CJ number, and a pharmaceutically acceptable excipient.

171. (New) The pharmaceutical composition of claim 169, wherein said other branch identified by its CJ number is

CJ 3 $\text{CO}(\text{CH}_2)_n\text{COQ},$

wherein n is an integer equal to 2 and Q is pseudomonas exotoxin.

172. (New) The pharmaceutical composition of claim 170, wherein said other branch identified by its CJ number is

CJ 11 $\text{YCO}(\text{CH}_2)_n\text{COQ},$

wherein Y is NH, n is an integer equal to 2, and Q is pseudomonas exotoxin.

173. (New) The pharmaceutical composition of any of claims 169-172 wherein the excipient is an adjuvant.

174. (New) The pharmaceutical composition of claim 173 wherein the adjuvant is an alum or R1B1 adjuvant.

175. (New) The pharmaceutical composition of claim 174 wherein the alum is aluminum hydroxide or aluminum phosphate.